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Our File No. 9281-4754  
Client Reference No. S US03020

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Isao Ishigaki et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: Nonreciprocal Circuit Element With )  
Reduced Insertion Loss and Excellent )  
Manufacturability )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

Japanese Unexamined Patent Application Publication No. 2001-024406 discloses the structure of an irreversible circuit element with reduced loss and excellent manufacturability.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest these references as prior art against the present application, and Applicants do not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicants' invention or that these references make Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is

hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit  
Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure  
of this document and make it of record.

Respectfully submitted,



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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)	SERIAL NO.	CASE NO.
	To be Assigned	9281-4754
	FILING DATE	GROUP ART UNIT
Herewith.		
APPLICANT(S): Isao Ishigaki et al.		

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A1	2001-024406	01/2001	Japan		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.